M. A. R. 57 (Rule 116)

Measurement Book

No. B

341847

Serial No. 1st and final Bill

Name of Work ..... From ..... To .....

Name of Contractor of nature of Agency ..... R. Shiva Ram. Contractor. Bagalno

Date of commencement of work ..... D.O. Records

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of Work : Temple Roads and drains at Medarahally Cross-Roads in Ward no. 12, in Shettyhally sub-Division.						
	Estimated cost Rs : 45.46 lakhs						
	JOB No : 012-18-000039 - EP-code-17717						
	Work order No : EE/DD/WO/285/17-18-dt. 14-03-2018						
	Date of commencement : 15-03-2018						
	Date of Completion : 25-07-2018						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
1)	Earthwork excavation by manual means in ordinary soil, involving an average horizontal throw upto 2m and an average lift upto 1.5m, excavated surface levelled of beds is neatly dressed, the disposed earth to be levelled nearby after breaking clods complete as per specifications and directions Engineer-in-charge of work.						
		Qty vide this MB. P. 341891					
		It no ①				687.3 ft	120,293.25
2)	Providing and laying in position plain cement concrete consisting of mix 1:4:8 (1 cement : 4 coarse sand : 8 graded granite metal 40mm nominal size) using cement @ 180 kgs/m³ with 40mm nominal down size graded granite metal coarse aggregate @ 0.85 m³ and						

M. A. R. 57 (Rule 116)
Measurement Book
No. B

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

341848

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	fine aggregate @ 0.5 m³ machine mixed, machine concrete laid in layers not exceeding 15cms thick well compacted in final including curing, all material, labour, hire of machinery, curing complete as per specifications & direction Engineer-in-charge of work.						
		Qty vide this MB. P. no. 341892					
		It no ⑦				82.17 ft³	4,25,461.87
3)	Providing and laying in position reinforced c.c. of design mix						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	M-20 Nominal cement @ 320 kgs with 20mm nominal down size graded granite metal (coarse aggregate) @ 0.69 m³ and fine aggregate 0.46 m³ with super plasticizers @ 3% conforming to IS-9103-1999 reaffirmed-2008, machine mixed, cement laid in layers not exceeding 150mm, vibrated for all works in floor for footings, pedestals, retaining walls, staircase, retaining walls, return walls, (any thickness) including attached plaster, column, piers, sloped roofs etc complete as per directions of Engineer-in-charge of works.						
	~~Recorded~~						
	a) for drain Bottom Cover	9					
						92.34 m³	

M. A. R. 57 (Rule 116)
Measurement Book
No. B
341849

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	b) for drain side wall						
	1st Cross near SWD LHS	2×2	30.00	0.15	0.70	12.60 m³	
		2×1	4.00	0.15	0.70	0.84	
	RHS	2×2	30.00	0.15	0.70	12.60	
		2×1	4.00	0.15	0.70	0.84	
	2nd CROSS - LHS	2×2	30.00	0.15	0.70	12.60	
		2×1	18.00	0.15	0.70	3.78	
	ಸೇತುವೆಯ ಕಾರ್ಯವಾಪ್ತಿಯಲ್ಲಿ ಬರುವುದು	2×2	30.00	0.15	0.70	12.60	
	ಶಿಥಿಲಾವ್ಯ ಉಪಯೋಗ, ದಾಸರಹಳ್ಳಿ	2×1	13.00	0.15	0.70	2.73	
	ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ	2×2	30.00	0.15	0.70	25.20	12.96
	ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ, ಬೆಂಗಳೂರು.	2×1	27.00	0.15	0.70	5.67	

24/8/18
EXECUTIVE ENGINEER
Bruhat Bangalore Mahanagara
Dasarahalli Division, Bangalore

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
		3	4	5	6	7	8
		R/o 2×2	30.00	0.15	0.72	12.96	
		2×1	27.00	0.15	0.70	5.67	
	5m CRoy-Rc.1	2×2	30.00	0.15	0.72	12.96	
		2×1	26.00	0.15	0.70	5.46	
		R/o 2×3	30.00	0.15	0.70	18.90	
		2×1	19.00	0.15	0.72	4.10	
		2×1	25.00	0.15	0.72	5.40	
		2×1	6.10	0.35	0.70	2.99	
		R/o 2×1	6.10	1.50	0.25	2.29	
		R/o 2×1	6.10	0.75	0.15	1.17	
						235.91 m³	
						Say Lo. 235.83 m³	
						@ 6370/m³	1502234.10

EXECUTIVE ENGINEER
Bruhat Bangalore Mahanagara Palike
Dasarahalli Division, Bangalore

M. A. R. 57 (Rule 116)
Measurement Book

No. B 341850

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	4) Providing of scaffolding, shuttering, strutting, propping etc and removal of form work for vertical surfaces such as walls of any thickness, including attached pilasters, buttresses, plinths and string courses, columns, etc complete as per specifications, drawings & directions of Engineer-in-charge of work.						
						Qty vide this MB. P 341894	
						Abstract ④ = 1550.78 m² @ 258/m²	427,615.60
	5) Providing mild steel reinforcement for RCC works including						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	straightening, cutting bending, hooking, placing in position, lapping or welding wherever required, tying with binding wire, and anchoring to the adjoining members, wherever necessary complete as per design, costing materials, labour, hire of machinery complete as per specifications of drawings Engineers-in-charge of work.						
	Qty vide MB. P 341893						
	ಪುಟ ③ = 14.447 tonnes @ 64000/-						924160.00
6)	Providing and laying reinforced cement precast slabs of mix c.c. 1:1½:3 using 20mm nominal down size graded granite metal using HYSD-10mm dia steel @ 100mm c/c Both ways						

M. A. R. 57 (Rule 116)
Measurement Book
No. B 341851

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and complete as per specification.						
	(a) 1st CROSS-Road LHS	2×2	30.00	0.75	-	90.00	
	RHS	2×1	4.00	0.75	-	6.00	
	(b) 2nd CROSS-Road LHS	2×1	30.00	0.75	-	45.00	
	RHS	1×1	18.00	0.75	-	13.50	
		2×1	30.00	0.75	-	45.00	
	[illegible]	1×1	13.00	0.75	-	9.75	
	[illegible]	2×2	30.00	0.75	-	90.00	
	[illegible]	2×1	27.00	0.75	-	40.50	
	[illegible]	2×1	30.00	0.75	-	45.00	
	[illegible]	1×1	26.00	0.75	-	19.50	

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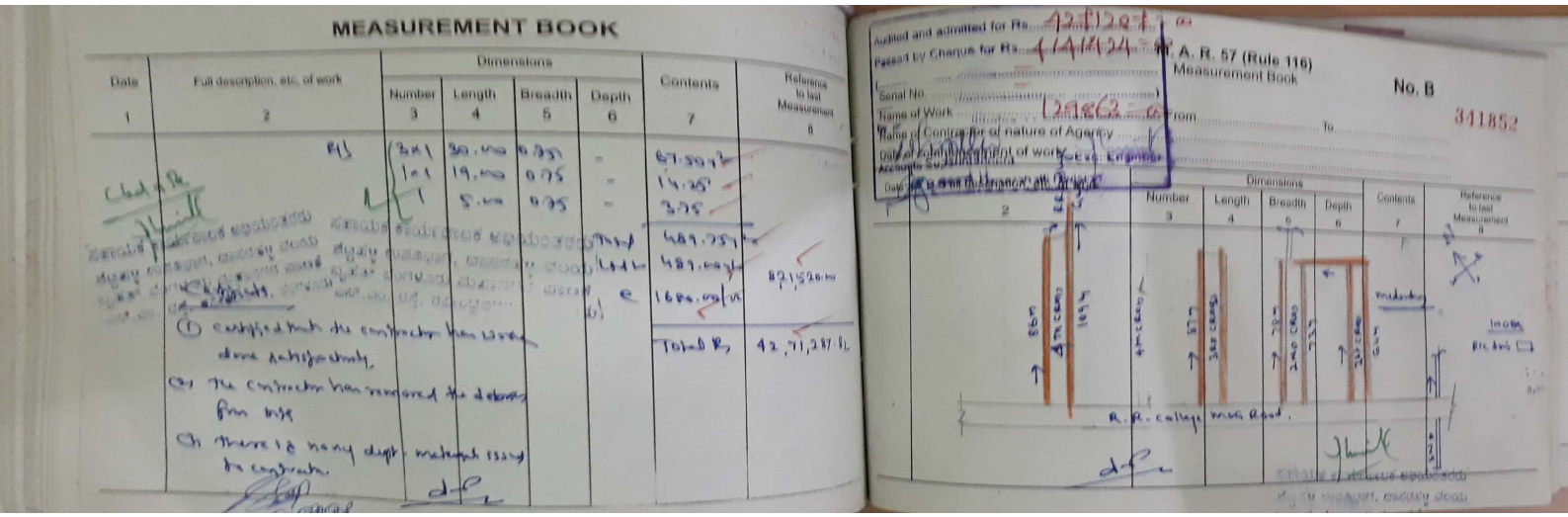

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Fly	3×1	30.50	0.35	-	67.50	
		1×1	19.50	0.75	-	14.25	
		1	5.50	0.35	-	3.75	
						489.75	
						489.00	
						1680.00	
						Total Rs	42,71,287.50

(1) certified that the contractor has work done satisfactorily.

(2) The contractor has removed the debris from site

(3) There is no any deposit material issued to contractor.

Audited and admitted for Rs. 42,71,287.50

Passed by Cheque for Rs. 41,41,124.50

P. A. R. 57 (Rule 116)

Measurement Book

No. 8

Serial No. 129863 to 341852

Name of Work

Name of Contractor nature of Agency

Date of Commencement of work

Date of completion

Accounts Subdivision

Exec. Engineer

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

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